

2011 - 2014 Transportation Improvement Program

MTA - Transit

Transit

*Howard County Local Bus Replacement*

<b>TIP Id #</b>	46-1101-05	<b>Year of Operation</b>	2011
<b>Agency</b>	Local Project	<b>Project Type</b>	Fleet Improvement
<b>Project Category</b>	Emission Reduction Strategy	<b>Functional Class</b>	NA
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	NA
<b>STIP Reference #</b>	NA		

Description	Justification
<p>The Howard Electric Bus Project consists of replacing three (3) diesel buses with electric buses to operate on Howard Transit’s Green Route which serves the Columbia Mall, the Village of Wilde Lake, Howard Community College, and Howard County General Hospital. The electric buses will be fueled through an inductive charger that will be located in downtown Columbia, Maryland. The inductive charger will provide energy to the batteries through electromagnetic induction. Additionally, the project includes a transit shelter and an “Energy Information Station” will be designed and built to provide real-time information on the charging process including the recording of emission reductions and cost savings.</p>	<p>Utilization of electric vehicles is efficient, reliable and emission-free (at the source). This project will help reduce the use of petroleum products and harmful emissions in Howard County.</p>

**TIGGER II Discretionary Grant Funds (funding for capital projects)**

Phase	Previous Requests		Annual Element		Federal Funding Requests						Project Totals
	Previous Federal Funds	Previous Matching Funds	FY 2011 Federal Funds	FY 2011 Matching Funds	FY 2012 Federal Funds	FY 2012 Matching Funds	FY 2013 Federal Funds	FY 2013 Matching Funds	FY 2014 Federal Funds	FY 2014 Matching Funds	Estimated Project Total
CON	\$3,773	\$1,011									\$4,784
OTH											
PE											
PP											
ROW											
<b>Totals</b>	<b>\$3,773</b>	<b>\$1,011</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,784</b>

TIGGER stands for Transit Investments for Greenhouse Gas and Energy Reduction